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AP - JP19930323259 19931129

CPY - HOYA

DC - A35 E11 L01 P73 P81

DR - 1520-P 1966-P

FS - CPI;GMPI

IC - B32B27/20 ; C01G9/02 ; C01G23/00 ; G02B1/11

MC - A06-A00E4 A08-E02 A12-L02A A12-T04A E35-C E35-K01 L01-G04C L01-G04D  
L01-L05

M3 - [01] A430 A940 C108 C550 C730 C801 C802 C803 C804 C805 C807 M411 M720  
M782 M903 M904 M910 N104 Q130 Q452 Q623 R036 R043; R01520-M R01520-P  
R01966-M R01966-P; 1520-P 1966-P

- [02] B114 B414 B514 B614 B711 B712 B713 B720 B721 B722 B723 B731 B732  
B741 B742 B743 B744 B751 B752 B792 B793 B799 B831 C000 C100 C106 C107  
C116 C800 C802 C803 C804 C805 C806 C807 F012 F019 F100 F199 G010 G019  
G020 G021 G029 G040 G100 G111 G112 G113 H100 H101 H181 H182 H183 H498  
H581 H582 H583 H584 H600 H608 H609 H681 H682 H689 H713 H716 H721 H722  
H723 J011 J012 J013 J014 J271 J272 J273 L145 L199 M121 M122 M123 M124  
M125 M126 M129 M144 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222  
M223 M224 M225 M226 M231 M232 M233 M250 M262 M272 M280 M281 M282 M283  
M311 M312 M313 M314 M315 M316 M320 M321 M322 M323 M331 M332 M333 M342  
M351 M361 M373 M391 M392 M393 M411 M510 M520 M521 M522 M523 M530 M531  
M532 M533 M540 M620 M782 M903 M904 Q130 Q452 Q623 R036 R043; 00012;  
9532-B5901-M

PA - (HOYA) HOYA CORP

PN - JP7149520 A 19950613 DW199532 C01G23/00 009pp

PR - JP19930323259 19931129

XA - C1995-111691

XIC - B32B-027/20 ; C01G-009/02 ; C01G-023/00 ; G02B-001/11

XP - N1995-189443

AB - J07149520 New titanium oxide particles have zinc oxide coating on  
their surface.

- A coating composite contg. the new titanium oxide particles is also  
claimed, which further contains a specific cpd. or its hydrolysis  
product having the formula of (R1)a(R2)bSi(OR3)4-a-b (R1 and R2 are  
alkyl, alkenyl aryl, halogen, epoxy, amino, mercapto, methacryloxy,  
cyano, allyl, or acyl gps.; R3 is H or 1-4C alkyl gp.; a and b are  
integers of 0-2).

- USE/ADVANTAGE - For the prodn. of hard, UV-light absorbing, or  
anti-reflection coating for optical parts like camera lenes, optical  
filters, or car window glass. The new composite is resistant to light,  
because photocatalytic activity of titanium oxide is suppressed  
effectively by zinc oxide coating.(Dwg.0/0)

CN - R01520-M R01520-P R01966-M R01966-P 9532-B5901-M

DRL - 1520-P 1966-P

IW - COATING COMPOSITE COMPRISE TITANIUM OXIDE PARTICLE COVER ZINC OXIDE  
PRODUCE HARD ULTRAVIOLET ABSORB ANTI REFLECT COATING

IKW - COATING COMPOSITE COMPRISE TITANIUM OXIDE PARTICLE COVER ZINC OXIDE  
PRODUCE HARD ULTRAVIOLET ABSORB ANTI REFLECT COATING

NC - 001

1993-11-29

ORD - 1995-06-13  
PAW - (HOYA ) HOYA CORP  
RRL - 00012

TI - Coating composite - comprises titanium oxide particles covered with  
zinc oxide for prodn of hard, UV-absorbing or anti-reflection coating

- A01 - [001] 017 ; G2277-R G2266 D01 Si 4A D11 D10 D12 D18-R D31 D32 D33 D34  
D23 D22 D42 F84 F85 F86 F87 D53 D51 D54 D55 D57 D58 7A-R N- 5A S- 6A  
F12 D50 ; P1445-R F81 Si 4A ; P0464-R D01 D22 D42 F47 ; H0260 ;  
H0000 ; H0011-R ;
- [002] 017 ; D01 D11 D10 D12 D18-R D23 D22 D32 D33 D34 D42 D50 D53 D51  
D54 D57 D58 F84 F85 F86 F87 Si 4A N- 5A S- 6A 7A-R F12 ; P0464-R D01  
D22 D42 F47 ;
- [003] 017 ; Q9999 Q7114-R ; B9999 B4251 B4240 ; K9869 K9847 K9790 ;  
B9999 B4400-R B4240 ; Q9999 Q8264-R ; Q9999 Q8286-R Q8264 ; Q9999  
Q8264-R ; Q9999 Q9234 Q9212 ; Q9999 Q9289 Q9212 ; Q9999 Q7658 ;  
B9999 B4615 B4568 K9847 ; K9483-R ; K9529 K9483 ; K9676-R ; K9712  
K9676 ; ND01 ;
- [004] 017 ; R01966 D00 F20 Ti 4B Tr O- 6A ; R01520 D00 F20 Zn 2B Tr  
O- 6A ; A999 A748 ; A999 A771 ;